

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Currently amended) A system comprising:
 - 2 a plurality of devices, wherein devices within the plurality of devices
 - 3 communicate with incompatible protocols;
 - 4 a first device in the plurality of devices having a universal contextual
 - 5 interface which is particular to the first device, the universal contextual interface
 - 6 associated with at least one instruction for transferring contextual data associated
 - 7 with the first device; and
 - 8 a second device in the plurality of devices that invokes the universal
 - 9 contextual interface of the particular to the first device to execute the at least one
 - 10 instruction to transfer the contextual data associated with the first device between
 - 11 the first device and at least one of the other devices in the plurality of devices, the
 - 12 plurality of devices having no prior knowledge of each other.

- 1 2. (Previously Presented) The system as set forth in claim 1 wherein the at
- 2 least one of the plurality of devices comprises the second device.

- 1 3. (Previously Presented) The system as set forth in claim 1 wherein the
- 2 first device sends a context object to the second device to be used by the second
- 3 device to transfer the contextual data.

- 1 4. (Previously Presented) The system as set forth in claim 1 wherein the

2 second device receives a context object from the first device to be used by the at
3 least one of the plurality of devices for receiving contextual data transmitted from
4 the first device.

1 5. (Previously Presented) The system as set forth in claim 1 wherein the at
2 least one of the plurality of devices uses the contextual data as a criteria to
3 authorize the first device or the second device to access instructions, data or
4 operations associated with the at least one of the plurality of devices.

1 6. (Previously Presented) The system as set forth in claim 1 wherein the
2 universal contextual interface or a context object have source-specific, object-
3 oriented mobile code that can be understood and performed by the at least one of
4 the plurality of devices to receive contextual data.

1 7. (Previously Presented) The system as set forth in claim 1 wherein the
2 plurality of devices further comprise at least one software application or at least
3 one file.

1 8. (Currently Amended) The system as set forth in claim 1 wherein the
2 first device further comprises a historical database having at least one record of
3 data provided by the second device during invocation of the universal contextual
4 interface.

1 9. (Previously Presented) The system as set forth in claim 1 wherein the
2 second
3 device invokes a universal notification interface to register the at least one of the
4 plurality of devices to receive an event notification each time the contextual data
5 changes.

1 10. (Previously Presented) The system as set forth in claim 1 wherein the
2 contextual data comprises executable computer language instructions, or a type,
3 operating status, identity, location, administrative domain or environment
4 information of at least one of the plurality of devices.

1 11. (Currently amended) A method for providing context information, the
2 method comprising:

3 invoking a universal contextual interface ~~associated with which is~~
4 ~~particular to a first device in a plurality of devices, the contextual interface~~
5 ~~associated with at least one instruction for transferring contextual data associated~~
6 ~~with the first device, wherein devices within the plurality of devices communicate~~
7 ~~with incompatible protocols; and~~

8 executing the at least one instruction to transfer the contextual data
9 associated with the first device between the first device and a second device in the
10 plurality of devices, the plurality of devices having no prior knowledge of each
11 other.

1 12. (Previously Presented) The method as set forth in claim 11 wherein the
2 second device or a third device in the plurality of devices perform the invoking
3 and executing.

1 13. (Previously Presented) The method as set forth in claim 11 further
2 comprising sending a context object to the at least one of the plurality of devices
3 to be used for transferring the contextual data.

1 14. (Previously Presented) The method as set forth in claim 11 further
2 comprising using the contextual data as a criteria to authorize the second device to
3 access instructions, data or operations associated with the one of the plurality of

4 devices.

1 15. (Previously Presented) The method as set forth in claim 11 wherein the
2 universal contextual interface or a context object have source-specific, object-
3 oriented mobile code that can be interpreted and performed by the first device or
4 the at least one of the plurality of devices to receive contextual data.

1 16. (Previously Presented) The method as set forth in claim 11 wherein the
2 plurality of devices further comprise at least one software application or at least
3 one file.

1 17. (Original) The method as set forth in claim 11 further comprising
2 storing in a historical database at least one record of data provided during
3 invocation of the universal contextual interface.

1 18. (Previously Presented) The method as set forth in claim 11 further
2 comprising invoking a universal notification interface to register the at least one
3 of the plurality of devices to receive an event notification each time the contextual
4 data changes.

1 19. (Previously Presented) The method as set forth in claim 11 wherein the
2 contextual data comprises executable computer programming language
3 instructions or a type, operating status, identity, location, administrative domain or
4 environment information of at least one of the devices or of at least one user of the
5 plurality of devices.

1 20. (Currently amended) A computer readable medium having stored
2 thereon instructions for providing context information, which when executed by at
3 least one processor, causes the processor to perform:

4 invoking a universal contextual interface associated with which is
5 particular to a first device in a plurality of devices, the contextual interface
6 associated with at least one instruction for transferring contextual data associated
7 with the first device, wherein devices within the plurality of devices communicate
8 with incompatible protocols; and

9 executing the at least one instruction to transfer the contextual data
10 associated with the first device between the first device in and a second device in
11 the plurality of devices, the plurality of devices having no prior knowledge of each
12 other.

1 21. (Previously Presented) The medium as set forth in claim 20 wherein
2 the second device or a third device in the plurality of devices perform the
3 invoking and executing.

1 22. (Previously Presented) The medium as set forth in claim 20 further
2 comprising sending a context object to the at least one of the plurality of devices
3 to be used for transferring the contextual data.

1 23. (Previously Presented) The medium as set forth in claim 20 further
2 comprising using the contextual data as a criteria to authorize the second device to
3 access instructions, data or operations associated with the one of the plurality of
4 devices.

1 24. (Previously Presented) The medium as set forth in claim 20 wherein
2 the universal contextual interface or a context object have source-specific, object-

3 oriented mobile code that can be interpreted and performed by the first device or
4 the at least one of the plurality of devices to receive contextual data.

1 25. (Previously Presented) The medium as set forth in claim 20 wherein
2 the plurality of devices further comprise at least one software application or at
3 least one file.

1 26. (Original) The medium as set forth in claim 20 further comprising
2 storing in a historical database at least one record of data provided during
3 invocation of the universal contextual interface.

1 27. (Previously Presented) The medium as set forth in claim 20 further
2 comprising invoking a universal notification interface to register the at least one
3 of the plurality of devices to receive an event notification each time the contextual
4 data changes.

1 28. (Previously Presented) The medium as set forth in claim 20 wherein
2 the contextual data comprises executable computer programming language
3 instructions or a type, operating status, identity, location, administrative domain or
4 environment information of at least one of the devices or of at least one user of the
5 plurality of devices.